

Datasheet for ABIN1107411

anti-GNRHR antibody (Extracellular Domain, N-Term)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	GNRHR
Binding Specificity:	AA 1-29, Extracellular Domain, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GNRHR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Mice were immunized with a BSA-conjugated peptide corresponding to amino acids 1-29 of Human GnRH receptor extracellular domain. Splenocytes were fused with SP2/0 mouse myeloma cells. Stability was established by subcloning four times.
Sequence:	MANSASPEQN QHCSAINNSI PLMQGNLPY
Clone:	F1G4
Isotype:	IgG1
Specificity:	This Monoclonal antibody F1G4 reacts with GnRH receptors in the anterior pituitary. F1G4 showed specificity for the synthetic peptide in ELISA and Dot blot.
Cross-Reactivity (Details):	Species reactivity (tested):Human.

Product Details

Purification: Purified

Target Details

Target: GNRHR

Alternative Name: GnRH Receptor / GNRHR ([GNRHR Products](#))

Background: Gonadotropin Releasing Hormone (GnRH) is down-regulated by hCG and believed to be an autocrine factor that regulates the ovary. The Gonadotropin Releasing Hormone Receptor (GnRHR) is synthesized in the pituitary gland. GnRH stimulates the gonadotrophs of the anterior pituitary to secrete luteinising hormone (LH) as well as follicle-stimulating hormone (FSH). The receptor contains of seven hydrophobic transmembrane domains connected by hydrophilic extracellular, and intracellular loops characteristic of G-protein coupled receptors. Gonadotropin Releasing Hormone (GnRH) is down-regulated by hCG and believed to be an autocrine factor that regulates the ovary. The Gonadotropin Releasing Hormone Receptor (GnRHR) is synthesized in the pituitary gland. Synonyms: GRHR, GnRH-R, Gonadotropin-releasing hormone receptor

Gene ID: 2798

NCBI Accession: [NP_000397](#)

UniProt: [P30968](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.1 mg/mL

Buffer: PBS, 0.05 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Handling

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.